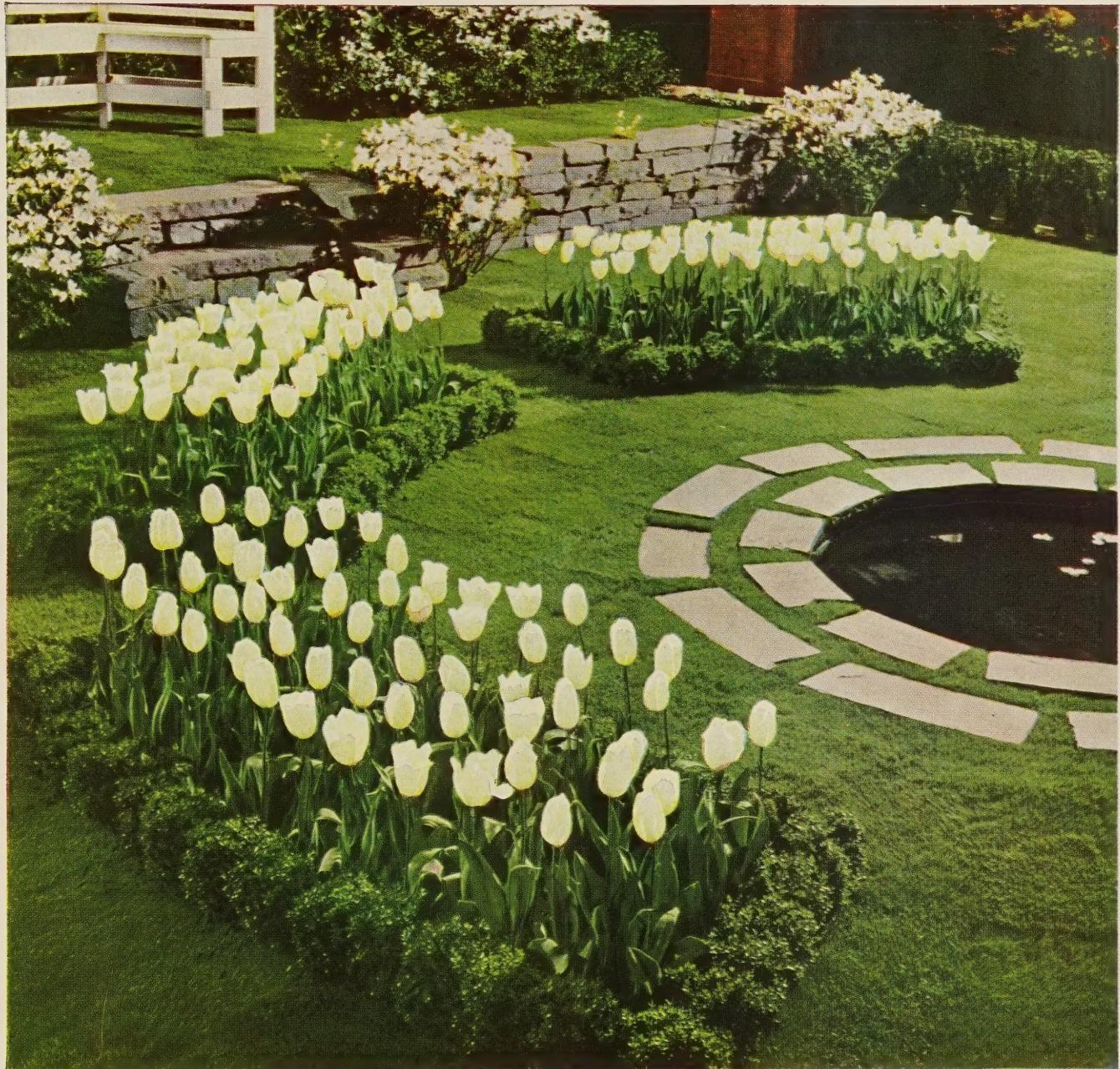


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DARWIN TULIP, WHITE ROCK. See page 5

Bulbs FOR 1955

J. HOWARD FRENCH
Bulb Importer and Seedsman
BALTIMORE PIKE • LIMA, PENNA.



French's SPECIAL LAWN GRASS MIXTURES

Good seed is essential. Our mixtures contain only the finest natural grasses, selected for PURITY and HIGH GERMINATION

Fertilizers Are Needed to Make Lawns Grow

Fine lawn grasses require rich soil in which to do their best. When properly fed, they will grow so luxuriantly as to crowd out weeds. Grass that is constantly cut makes a heavy drain on the food content of soil, and unless this is annually renewed, a lawn will deteriorate.

French's Special Lawn Grass Mixtures

FRENCH'S BEST LAWN GRASS. Great care has been used in formulating this fine mixture, composed of fine-leaved, deep-rooting, viable turf grass seeds. It contains only Kentucky Blue Grass, Certified Colonial Bent, and Chewing's Fescue, producing a permanent and superior deep green, velvety turf. Will withstand heat, drought, and hard winters. 10 lbs. \$25.00; 25 lbs. \$57.50; 50 lbs. \$105.00; 100 lbs. \$195.00.

FRENCH'S SUPER LAWN GRASS. An excellent mixture for making a permanent lawn in fertile soil. It contains a high percentage of Colonial Bent and Kentucky Blue Grass in combination with other permanent grasses. 10 lbs. \$18.00; 25 lbs. \$42.50; 50 lbs. \$80.00; 100 lbs. \$145.00.

FRENCH'S SPECIAL EVERGREEN LAWN GRASS. It thrives under a wide variety of soil and weather conditions and produces beautiful velvety lawns. A favorite of hundreds. 10 lbs. \$13.00; 25 lbs. \$31.50; 50 lbs. \$61.00; 100 lbs. \$110.00.

FRENCH'S SHADY LAWN GRASS. A carefully prepared mixture to be grown in shady spots. This mixture consists of the highest grade of recleaned seeds and should make a good lawn in places where it is hard to grow grass because of shade. 10 lbs. \$13.00; 25 lbs. \$31.50; 50 lbs. \$61.00; 100 lbs. \$110.00.

Because of variations in market value, the prices quoted above are subject to change without notice.

Separate Varieties of Grasses and Clovers

BLUE GRASS, KENTUCKY. This is suited to a variety of soils and is largely used for lawns and as a pasture grass. It is unusually early and presents a beautiful green appearance in early spring when other grasses are still dormant. Sow 60 pounds to the acre. Lb. \$1.30.

WHITE DUTCH CLOVER SEED. Excellent for use on lawns; forms a close herbage and remains green throughout the season; We furnish the choicest grade of seed. $\frac{1}{2}$ lb. 80c; lb. \$1.50; 5 lbs. \$7.00; 10 lbs. \$13.00.

SPECIAL FORMULAS

We shall be pleased at all times to prepare mixtures for any purpose whatever, according to the customer's own formula, and submit prices.

Write for special prices on larger quantities.

GROWING BULBS FOR THE HOUSE

BULB	POTTING MEDIUM	START IN	MOVE TO
MARYLLIS	Fertile soil; cover only $\frac{2}{3}$	Dark, slightly heated place	Light when 4 in. high, 60 to 70° 60 to 65°
CALLA LILY	Fertile soil; barely cover	Sunny window	Light, then sunny window, 50 to 60°
CROCUSES	Fertile soil; barely cover	Trench outdoors	Light, then sunny, cool window, 50 to 60°
DAFFODILS AND NARCISSUS	Rich soil; cover bulbs	Trench outdoors	Sunny, cool window, 50 to 60°
FREESIAS	Fertile soil; cover bulbs	Garden, until frost threatens	Sunny, cool window, 50 to 60°
GRAPE HYACINTHS	Fertile soil; cover bulbs	Cool place or trench outdoors	Light, then sunny window, 50 to 60°
HYACINTHS	Fertile soil; barely cover bulbs	Trench outdoors	Sunny window, 50 to 60°
LILY-OF-THE-VALLEY	Bulb fiber and water	Dark, cool place	Light room, 60 to 65°
NARCISSUS (Paper-White)	Pebbles and water	Dark, cool place	Light, then sunny window, 50 to 60°
SCILLA SIBIRICA	Fertile soil; cover bulbs	Trench outdoors	Light, then sunny window, 50 to 60°
TULIPS	Fertile soil; cover bulbs	Trench outdoors	Light, then sunny window, 50 to 60°

Don's Dandy Digger

Saves wear an

Improves Results

easier. Also useful
in cutting seedlings and in

tool is marked at 2, 4 and 6 inches as a control for the various planting depths. All steel; no moving parts to break.

We Will Welcome

16

110

**DIRECTORS
ON PAGES**

91 AND 99



Colorful Tulips . . . for Your Spring Garden

Today there is greater magic than ever in Tulips and even more gorgeous and beautiful colors packed away in the sleek brown bulbs. To work this new magic, think of the gayest flower colors and the prettiest combinations you ever yearned for.

Tulips require a period of cold while dormant and resting between shows. That means you must plant before freezing weather, then get your great display in the spring—weeks of color if you know your Tulips and plant early and late ones, and a lot of middle-betweens.

Where do you want Tulips in April? In May? Decide that, and we can tell you what to plant.

For protection from moles and mice, surround bulbs with a 12-inch strip of $\frac{1}{2}$ -inch mesh galvanized wire, leaving 2 to 3 inches above ground.

THE BEAUTIFUL DARWIN TULIPS

These large blooms, on long sturdy stems, are the backbone of most Tulip plantings. They come at the peak of the season, and their myriad colors make a splendid showing. See planting instructions on page 22.

Figures 1, 2 and 3 refer to blooming time, 1 being earliest.

Abe Lenstra. (2) Violet-rose, edged white. An outstanding Tulip. 26 in. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Afterglow. (3) Bright orange with lighter edge and splendid bright center. Very showy. 28 in. 35c for 3; \$1.00 for 10; \$8.00 per 100.

Annie Speelman. (2) Very large, long, rather narrow, silky white flower with yellow anthers and faint fawn base. Lasts well when cut and does not open too wide. 30 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Aristocrat. (2) Carmine-rose, lighter edge. An aristocrat among Tulips in strength and sturdiness. Very tall and large. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Atlantic. (3) A very dark violet-purple of great substance, showing hardly any center; anthers dark. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Bartigon. (1) Fiery red. One of the best forcing varieties. 24 in. 35c for 3; \$1.00 for 10; \$8.00 per 100.

Bleu Aimable. (3) Bright lilac-blue, shaded steel-blue; inside dark violet-purple with a blue base. Elegant shape. 25 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Blue Perfection. (1) Lovely heliotrope-blue. One of the best. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Charles Needham. (1) A beautiful, brilliant scarlet flower. Extra fine for pots, cutting and bedding. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Christmas Joy. (1) Early-flowering Tulip with exceptionally strong stems of long-lasting quality. Bright red. 55c for 3; \$1.60 for 10; \$14.00 per 100.

City of Haarlem. (2) Fine large red flower with black center. An excellent variety for the garden. 28 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Clara Butt. (3) Clear self-colored rosy salmon-pink. A good bedding Tulip. 24 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Cum Laude. (3) Deep Campanula-violet with a decided blue over-tone and slightly lighter edges. Large, broad flower, somewhat waved. Inside shows a beautiful ivory-white center with shiny lacquered-like blue halo. The bluest of all blue Tulips in cultivation. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Eclipse. (3) Glowing dark blood-red with maroon and black base. Well-built flower of great substance. 29 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Farncombe Sanders. (2) Giant, brilliant scarlet flower with a clear white base. Very showy. A good forcer. 30 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Golden Age. (2) Bright golden orange. A large flower on a stiff stem. Very fine when planted in the shade. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Golden Smile. (3) A fine light yellow variety. The best yellow that we displayed at our Tulip show. 29 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Helen Gahagan. (3) Large, oblong, soft creamy white flower; inside lemon-yellow with a fawn base. Sulphur-yellow when forced. Excellent for show purposes because of its size and splendid form. 30 in. 60c for 3; \$1.60 for 10; \$14.00 per 100.

Insurpassable. (2) Rosy lilac on white ground; inside deeper lilac with white base. A mammoth flower of great substance on a tall, strong stem. Soft, pleasing color. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

La Tulipe Noire. (3) Very large flower of unique bluish black. 28 in. 40c for 3; \$1.00 for 10; \$8.00 per 100.

Little Queen Bess. (2) Delicate pale rose with white undertone, base white, anthers dark. Large, oval-shaped flower of good substance. 28 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

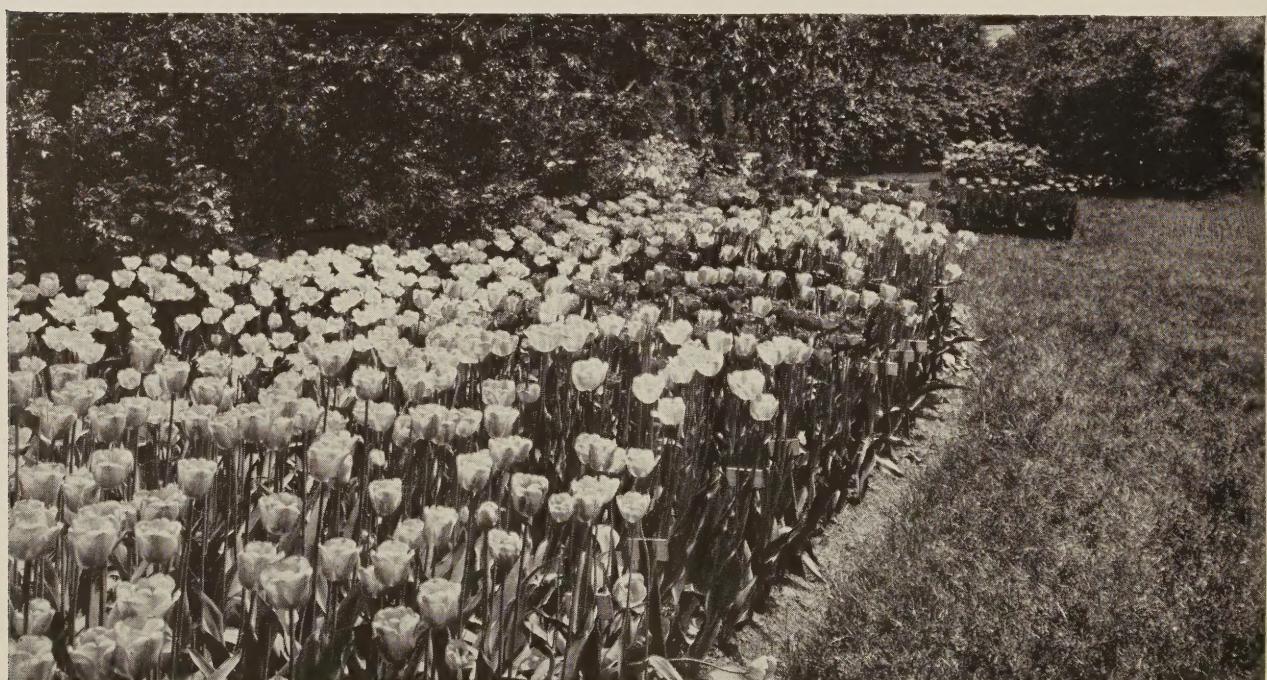
Margaux. (3) Tremendous, deep wine-red flower with broad, slightly lighter edges and blue base. Oval in shape. One of the largest in its class. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Nestinari (Fire Dancer). (3) Lovely bright oxblood-red with big black base margined yellow; inside dazzling scarlet-red. Oval shaped. Strong, wiry stem. 28 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Nipheta. (2) Beautiful lemon-yellow flower with light base and anthers. Graceful form and long-lasting qualities. Highly recommended. 30 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Notre Dame. (2) American Beauty red with darker undertone. The inside of the petals is claret-red with a blue sheen. 28 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Oporto. (2) Deep wine-red; grayish white base with dark anthers. The petals are rounded, making it a perfect flower; good substance and stem. We prefer this variety to Darwin Tulip, King George V. 29 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.



Border of Darwin Tulips

DARWIN TULIPS, continued

Pride of Haarlem. (3) Brilliant rosy crimson; glittering blue base. One of the largest and decidedly the best in this shade. Fine form; long lasting. 28 in. 35c for 3; \$1.00 for 10; \$8.00 per 100.

Pride of Zwanenburg. (2) Salmon-rose with a lighter edge; large flower. 28 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Princess Elizabeth Maximus. (2) Vivid rosy pink. A good forcer. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Queen of the Night. (1) The darkest Tulip. We believe it to be superior to La Tulipe Noire. Large flower on a strong stem. 30 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Red Master. (2) A purplish red sport of Pride of Haarlem, with a deep blue base. 25 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Royal Guest. (2) A superb creamy white, shading to almost white as it ages; yellow anthers. The large, oval flower has exceptionally long-lasting qualities. 29 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Scarlet Beauty. (3) Beautiful fiery scarlet without any marking. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Scotch Lassie. (3) Deep lavender with dark blue base. An excellent, long-lasting variety. 26 in. 45c for 3; \$1.10 for 10; \$9.00 per 100.

Smiling Queen. (3) A large, deep pink Tulip with a delicate lighter edge. 28 in. 55c for 3; \$1.50 for 10; \$13.00 per 100.

The Bishop. (3) Clear deep violet; blue base, white halo. The best in its color for the garden. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

The Peach. (2) A splendid clear rose-pink, deepening at edges. 30 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

White Rock. (2) Creamy white with yellow stamens. An excellent forcing variety. We recommend White Rock in place of Glacier. 50c for 3; \$1.40 for 10; \$12.00 per 100.

William Copland. (1) Lovely lilac. A splendid early forcer. 26 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

William Pitt. (1) Fine scarlet with a darker shade. A large flower of distinct color and a good forcer. 26 in. 35c for 3; \$1.00 for 10; \$8.00 per 100.

Zwanenburg. (2) Creamy white with black anthers. A handsome flower of good size, carried on an excellent stem. 28 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

THE GRACEFUL COTTAGE TULIPS

Cottage Tulips are excellent in the border and useful for table decoration. Because of the great variation in height, they are most satisfactory when planted in groups of one variety rather than in a mixture. See planting instructions on page 22.

Albino. (1) Large, pure white flower. A good forcer. 25 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Arethusa. (1) Large and tall. Soft canary-yellow with yellow base and ivory stamens. 26 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Belle Jaune. (1) Deep golden yellow with a bright yellow interior; light base and yellow anthers. Fine egg-shaped flower. 30 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Carrara. (2) Pure white, cupped flower. A good forcing and garden Tulip. 22 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Chappaqua. (3) Carmine-rose with yellow center, edged blue. Oval flower of great substance. 32 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Conte d'Ivoire. (3) Amber-white outside, pale yellow inside; base and anthers yellow. 26 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Dido. (1) Orange-rose, margined bright orange-yellow; large. An unusual and magnificent variety. 28 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Fiery Cross. (1) Dull red; inside deep cardinal-red. 26 in. 55c for 3; \$1.60 for 10; \$14.00 per 100.

General de la Rey (taking the place of Marjorie Bowen). (2) Large salmon flower shaded rose and buff, with distinct orange in the center, cream-white base and black stamens. A large flower with broad, pointed petals. Unusual and outstanding in its color. 27 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Golden Harvest. (1) Lemon-yellow flower of great substance. An all-round garden and forcing Tulip with a stiff stem. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Golden Statue. (2) Inside deep lemon-yellow; outside soft canary-yellow edged creamy white. 26 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

G. W. Leak. (2) Glowing orange-red; green and pale yellow base. Large flower on a tall, straight stem. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Ivory Glory. (3) A huge creamy white, egg-shaped flower changing to snow-white when fully developed. A glorious Tulip for the garden; will last for nearly a month. Flower petals are of heavy texture and will keep well under adverse weather conditions. The most outstanding white Cottage Tulip ever offered. 26 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Mongolia. (3) Enormous, globular flower of soft chrome yellow with olive base and dark stamens. The finest and largest late yellow Tulip. For the garden and for cutting. 32 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Moonlight. (1) Large, pale yellow, elongated flower. 24 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Mount Erebus. (2) Pure white; strong flower and stem. 27 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Mrs. John T. Scheppers. (2) Extra large, long-petaled, light chrome-yellow flowers; inside deep canary-yellow with deeper yellow base blotted olive. Straw-colored anthers. A favorite. 30 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Mrs. Moon. (2) Pure yellow; large. 25 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Northern Queen. (1) A fine large flower, white with deep pink border. 26 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Portwine. (3) Orange-red, outside tinted cherry-red; base yellow with black center line. 26 in. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Queen of Spain. (2) A charming cream-colored flower, delicately flamed and feathered with pink and light rose. No other Tulip can compare with this lovely variety. 25 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

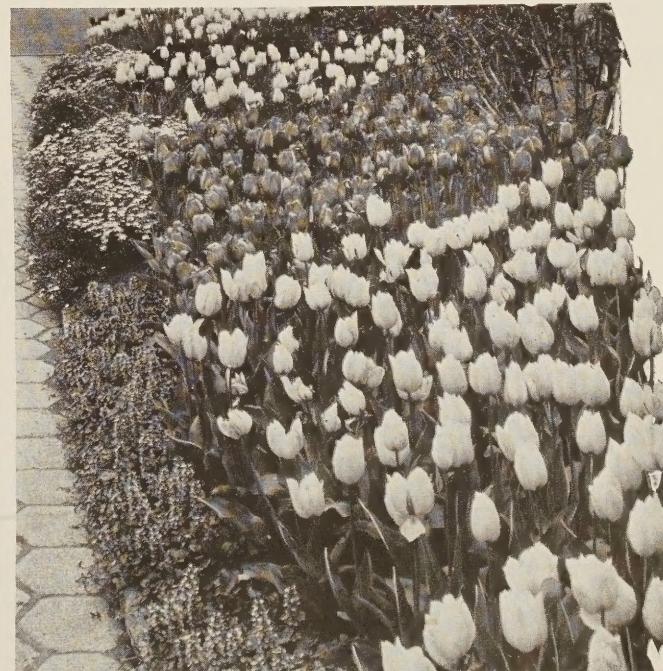
Rosabella. (1) Bright rose, almost watermelon-pink, broadly edged white; inside flesh-pink with white base. Large flower with very broad petals, quite pointed at tips. Very pretty; retains its color well. 26 in. 45c for 3; \$1.30 for 10; \$11.00 per 100.

Rosy Wings. (1) Delightful pink with myosotis-blue base. Long, 5-inch buds opening full in sunlight. 25 in. 60c for 3; \$1.80 for 10; \$16.00 per 100.

Sole Mio. (1) Sulphur-yellow. Stamens yellow. Long petals. 28 in. 65c for 3; \$1.80 for 10; \$16.00 per 100.

Wall Street. (2) Deep canary-yellow outer petals; inside bright clear canary-yellow. Large and well formed; stems strong, erect. 27 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

White Virgin. (1) One of the best white Tulips for forcing or outdoors. A beautiful pure white. Can be forced for Christmas. 26 in. 45c for 3; \$1.10 for 10; \$9.00 per 100.



Border of Cottage Tulips



Lily-flowered Cottage Tulips

The Lily-flowered Cottage Tulips

Alaska. (3) Golden yellow; yellow center and stamens. 25 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Crabett. (3) Light rose-pink edged pale pink. The flower petals are broad and strong. 26 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Elegans Alba. (2) An exceedingly interesting variety. Recurved white petals, very finely edged rosy carmine. 20 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Fascinating. (2) Very light creamy yellow; inside dark lemon-yellow slightly edged creamy yellow, with distinct midrib. 26 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Golden Duchess. (3) Deep primrose-yellow. A large flower of great beauty and substance, on a wiry stem. The "perfect" lily-flowered Tulip. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Lilac Time. (1) Intense violet. Strikingly shaped flowers. A new and fine color in this race of Tulips. 25 in. 75c for 3; \$2.20 for 10; \$20.00 per 100.

The Bride. (3) Lovely creamy white, graceful flower, strongly reflexed; straight stem. Recommended. 23 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

White Triumphant. (1) This is really a beautiful pure white flower, nicely reflexed. 26 in. 65c for 3; \$2.00 for 10; \$18.00 per 100.

Triumph Tulips

Midseason Tulips of stouter build and good height, though not so tall as Darwin Tulips.

Alberio. Cherry-red, edged yellow. Can be forced from January 10. 16 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Blizzard. Creamy white, large flower. An outstanding variety. 26 in. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Elmus. Cherry-red with white border. Splendid for cutting. 18 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Korneforos. Carmine, edged vermillion, with bluish undertone; white base. 24 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Orange Hindenburg. Garnet-red, edged creamy orange. Very outstanding. 20 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Princess Beatrix. Scarlet, edged orange. Sport of Alberio. 20 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Telescopium. Reddish violet. 22 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Ursa Minor. Medium-sized, yellow flower. Dwarf. 21 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

MIXED TULIPS

Darwin, Cottage or Breeder. An assortment of most of the good varieties in any or all classes, containing a nice range of colors.

\$1.00 for 10 \$8.50 per 100

New Giant Breeder Tulips

The enormous flowers of the new Giant Breeder Tulips are far superior to the older varieties. They average 30 to 36 inches in height, with much stronger stems, huge flowers, and many more attractive colors. The petals are also more substantial and have better lasting quality. They are of rich pastel shades and gorgeous blendings of purple, bronze, violet, old-gold, buff, and maroon not found in other Tulips. Many of them are sweet scented and make splendid cut flowers. Blooming period May 1 to June 1. See planting instructions on page 22.

Bacchus. (3) Dark violet-blue with a dusky bloom on outer petals; inside violet-blue. White base. 32 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Bonnie Prince. (2) Lilac, flushed rosy lilac, outer petals much darker with lighter edges; blue center. 31 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Bronze Glory. (1) A lovely copper-colored variety, shaded olive and purple. A most curious color combination. Center and anthers dark. Flower is broad and large; stiff stem. 29 in. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Dillenburg. (3) Brilliant salmon-orange, shaded rose. A large bloom on a strong, stiff stem. Recommended for the garden. 26 in. 40c for 3; \$1.00 for 10; \$8.00 per 100.

Dixie Sunshine. (3) A greatly improved Cherbourg. It has a better color, larger flower and greater lasting qualities in the garden. Outside petals yellowish tan with pale lilac shading. Broad margin of buff-yellow, inside palest Havana-yellow turning to buff-yellow at edges; bright yellow base. 28 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Dragon's Blood. (3) Chinese-lacquer-red inside and dull oxblood-red outside; olive base. The outer petals reflex somewhat, giving the flower a very graceful effect. A brilliant novelty that we fully recommend. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Indian Chief. (2) A Tulip of glorious color—Indian brown flushed coppery brown. One of the handsomest of the brown Breeders. 32 in. 65c for 3; \$1.80 for 10; \$16.00 per 100.

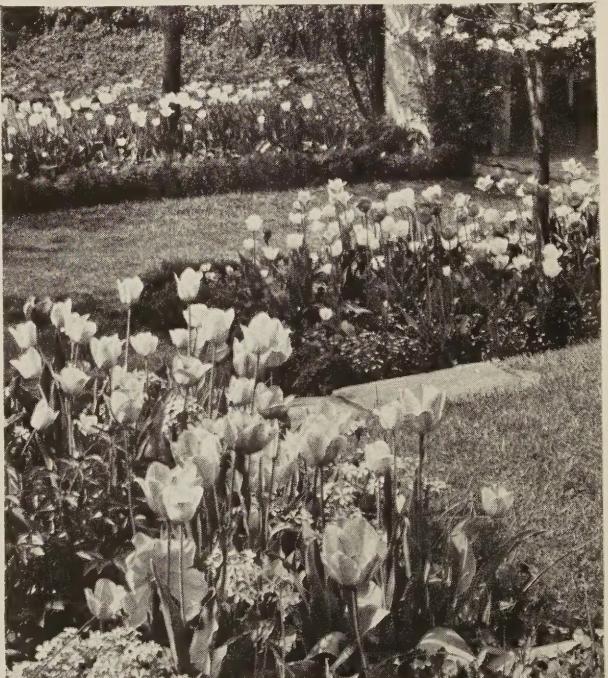
Limnos. (1) Lovely salmon-orange, outer petals flushed lilac-rose; clear center. Flower egg shaped, of good substance. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Louis XIV. (2) Dark bluish violet with small margin of flushed gold-brown, shaded bronze. 32 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

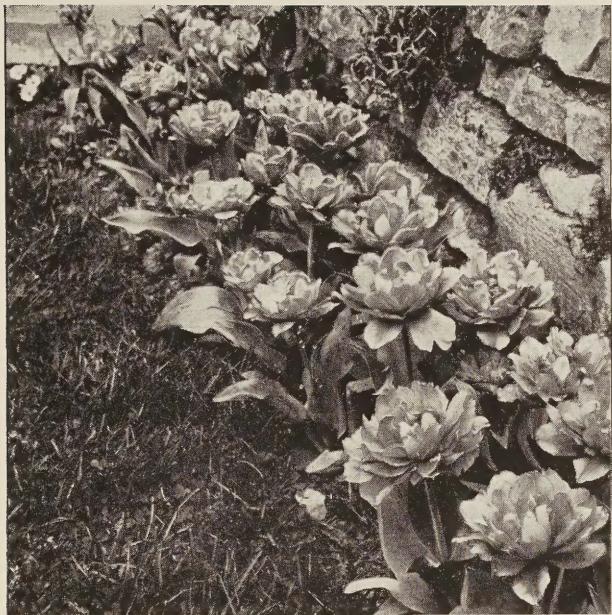
Morocco Beauty. (2) An enormous Breeder Tulip that is a real beauty. Clear morocco-red, with dark reddish mahogany interior and yellowish base. 26 in. 55c for 3; \$1.60 for 10; \$14.00 per 100.

Oriental. (2) Oval, pointed flower. Soft Havana yellow overlaid with faint shading of violet. Slightly lighter at edges; base yellow. Stem tall and stiff. 27 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Penelope (taking the place of Tantalus). (2) Bronzy yellow with golden yellow border. Robust in habit and long lasting. A very fine garden variety. 34 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.



Garden of Breeder Tulips



Double Tulips in Border

Single Early Tulips

Used where earlier blooms are desired. Many may be forced in January. Most bloom outdoors about the same time when planted in masses. Blooming period April 10 to May 1. See planting instructions on page 22.

Fred Moore. (1) Bright orange, shaded scarlet. 15 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

General de Wet (Fireglow). (2) Bold, fragrant flowers of fiery orange stippled scarlet; yellow center. 16 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Keizerskroon (Grand Duc). (1) Bright crimson-scarlet, edged yellow. Fine bedder. 16 in. 50c for 3; \$1.50 for 10; \$13.00 per 100.

Pink Beauty. (2) Vivid cherry rose, striped white. Enormous. 14 in. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Prince of Austria (Fire Prince). (1) Showy, fiery orange-scarlet. Long-lasting, sweetly scented flowers with yellow base. 14 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Prince of Carnaval. Brilliant red with clear yellow lines on each flower. A sport of the Single Early Tulip, Prince of Austria. Very long lasting. 55c for 3; \$1.60 for 10; \$14.00 per 100.

Princess Juliana. (2) Large, dark pink. Excellent for forcing. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Rising Sun. (2) Pure golden yellow flowers of good form, large size and sturdy growth. Excellent for bedding and borders. 16 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

White Hawk (Albion). (1) Large, globe-shaped, pure white flowers. An excellent early forcer and bedder. 13 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Double Early Tulips

Chiefly grown for their showy effects in masses. Excellent for growing indoors but should not be forced too early. Blooming period April 10 to May 1. See planting instructions on page 22.

Electra. (2) Carmine-red, shaded light violet. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Mr. Van der Hoef. (2) Golden yellow. Fine for forcing. 13 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Murillo. (2) Delicate rose-pink. One of the best forcers. Still very popular. 12 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Orange Nassau. Bright orange-scarlet with a margin of orange, outer petals shaded cherry-red. 12 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Peach Blossom. (2) Brilliant dark rosy pink. 12 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Schoonoord. (2) Beautiful pure white. Large and full. For forcing or bedding. 11 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Double Late Tulips, Peony-flowered

Taller than the Double Early. Blooming period early to late May. See planting instructions on page 22.

Blue Dream. Silvery lilac-mauve, white base. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Coxa. Scarlet, daintily tipped white; very large. 22 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Eros. Old-rose tinted silvery rose toward edge. 20 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Gold Medal. The finest golden yellow Tulip to date. Flowers are large, fully double and long lasting. 18 in. 75c for 3; \$2.30 for 10; \$21.00 per 100.

Granda. (3) Beautiful rose-pink. Very strong and clear rose color. 22 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

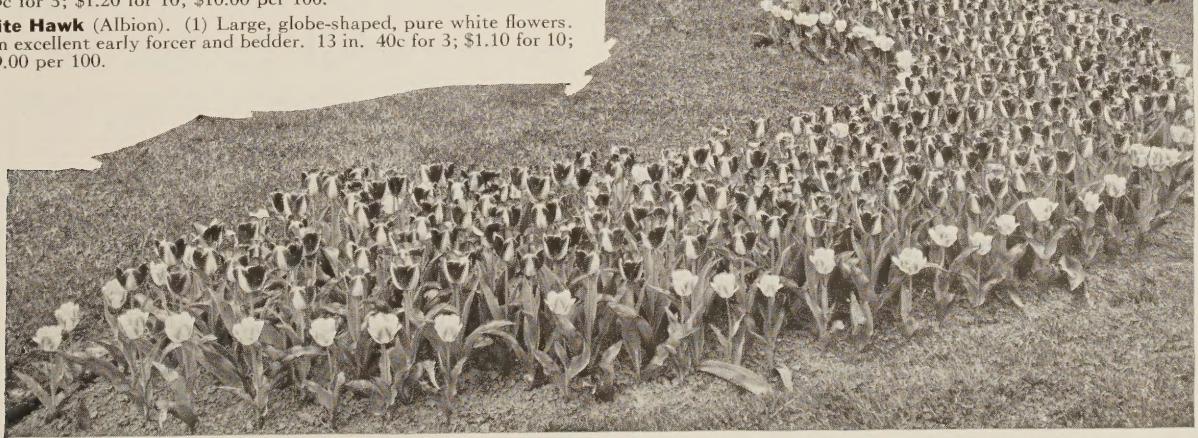
Mount Tacoma. Like a double pure white peony. 18 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Nizza. (3) Large double yellow with red dots. Very unusual. 20 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Uncle Tom. Dark glossy red; large. 22 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Hybrid Peacock Tulips

These bright, gay Tulips display an amazing variety of different shades and rare color combinations seldom seen in Tulips. The attractive foliage is always distinctly striped purple-brown. Height varies from 8 to 18 inches. \$1.05 for 3; \$3.20 for 10; \$30.00 per 100.



Bed of Single Early Tulips

Chameleon Tulips

The flowering period is similar to that of the Darwin Tulips, which they also resemble in form and habit. Exquisite when forced in late February. See planting instructions on page 22.

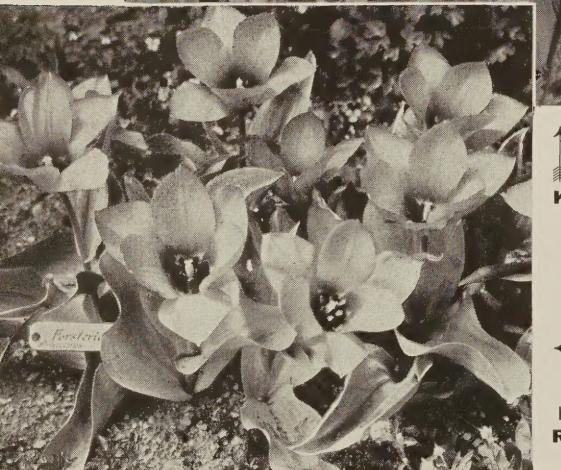
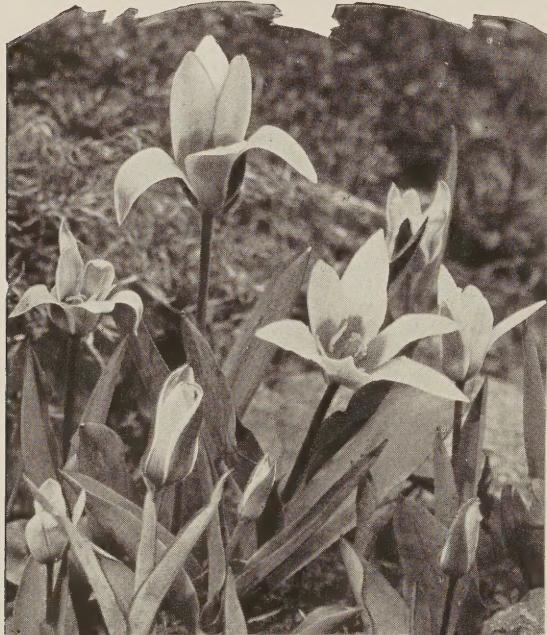
Fanny Farrar. (2) At opening it is white with a delicate edging of rose-pink on each petal, which gradually suffuses the entire flower with soft pink. 28 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Pink Wonder. (2) On opening it reminds one of Cottage Tulip Picotee, with true Darwin Tulip form. As the flower ages the faint picotee edges develop into a rich cerise-pink, deepening with age. The upper part of the flower is of a richer color than the base, which is pure white with a lovely blue cross; brown anthers. 28 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Chinese Lantern Tulip

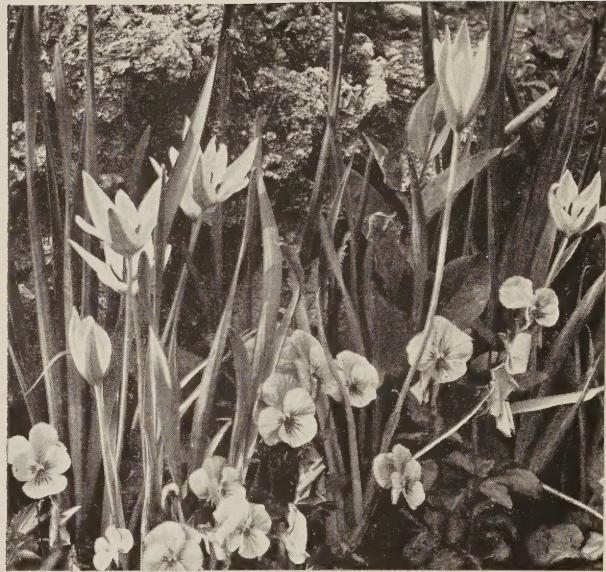
Although this belongs to the Cottage class, we are cataloging it separately to bring it especially to your attention. The general effect is that of an illuminated Chinese lantern.

GOOD GRACIOUS. A blending of pink, salmon, orange and yellow, giving the general effect of pale apricot; yellow base. This variety was named by one of the greatest Tulip fanciers in Europe. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.



↑
Botanical
Tulip,
Kaufmanniana

←
Botanical
Tulip
Fosteriana,
Red Emperor



Botanical Tulip Clusiana and Pansies

Botanical or Species Tulips and Their Hybrids

The following collection of Botanical Tulips includes a great number of beautiful and interesting varieties, which show a bewildering variation of size and shape of flowers, structure of leaves, habits, etc. The only thing they have in common is the fact that they grow wild in some parts of the world—Asia Minor, Central Asia, Greece, the Mediterranean. Cultivation has not modified them and they may be planted in the rock garden between creeping plants or in colonies in small, warm nooks, a situation where the larger-flowered garden Tulips would be out of place. Blooming period April 1 to late May. See planting instructions on page 22.

Clusiana (The Lady Tulip). Outer petals bright cherry-red; inner petals creamy white; violet base. Small flower, but very distinct and beautiful. 8 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Eichleri. Crimson-scarlet, shaded orange; glistening black center marked with gold; lily type of flower. 8 in. 35c for 3; \$1.00 for 10; \$8.00 per 100.

Fosteriana, Red Emperor (Mme. Lefebre). A glorious scarlet-red Tulip of remarkable size and substance; large black center with a yellow border. May be forced in mid-February. Flowering at the same time as Narcissus, it should be planted with or between them. 18 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Kaufmanniana (The Waterlily Tulip). Creamy white, more or less tinged rosy red on the outside. The first of all species to bloom. Grows wild in Turkestan. 6 in. 55c for 3; \$1.50 for 10; \$13.00 per 100.

Kaufmanniana, Cesar Franck. Dark yellow with outer petals marked brilliant red; red and black center. Dwarf. Outstanding. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Marioletti. Soft primrose, shaded carmine-red at base; small flower of an attractive color. 14 in. 40c for 3; \$1.10 for 10; \$9.00 per 100.

Præstans Fusilier. Large; bright orange-red; several flowers on a branching stem. A most brilliant flower. Blooms in April. 14 in. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Rockery Beauty. A very brilliant vermilion-red variety. Free-flowering and long-lasting bloom. A beauty for the rock garden or border. 8 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Saxatilis. A most beautiful lavender with a very large and soft yellow base. None better. Blooms in April. The loveliest of all Botanical Tulips in this color, which should be grown by everyone. 9 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

IF YOU HAVE A PROBLEM

If you have particular questions regarding your garden or greenhouse on which you want advice, write us and we will do our best to assist and advise you. Frequently we can suggest items not listed in the catalog.

New, Rare and Exotic Parrot Tulips at New Low Prices

No Tulip has captivated the public so much as the new and improved types of Parrot Tulips. They are noted for their strong stems and unusual substance, so that while we recommend them more as cut flowers, they nevertheless are virile enough for garden planting, particularly as accent plants. See planting instructions on page 22.

Black Parrot. The only Parrot Tulip in its color—brilliant, velvety maroon-black. A graceful flower on a strong stem. Highly recommended. 26 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Blue Parrot. One of the best. Really blue, delicately fringed. Excellent stem and substance. 28 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Fantasy. A beautiful salmon-pink Parrot Tulip with much darker interior and green feathered markings outside. 27 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Firebird. Larger and more impressive than Fantasy. Rich red of great substance. 22 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Orange Favorite. Bright orange, lighter and brighter inside, with golden yellow center. Very sweet scented. 22 in. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Parrot Triumph. (Doorman.) Large, cherry-red, golden edge. Very strong grower. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Parrot Wonder. Cerise-red. 65c for 3; \$1.80 for 10; \$16.00 per 100.

Red Champion. Cochineal-carmine, shaded rosy red; white base edged light blue. Large flower; strong, stiff stem. Good forcer. 21 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Texas Gold. Clear golden yellow flowers are slightly rimmed bright red, outside slightly tinged green as in all Parrot Tulips. The flowers are heavily laciniated and open to an enormous size. 24 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Therese (Caprice). Bright cochineal-carmine, inside vivid cerise-scarlet; outer petals marked parrot-green. White center tinted blue. 30 in. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Van Dyck. This is without any question the finest pink Parrot Tulip known. Brilliant rose-pink, edged paler; inside very bright rosy red with paler edge. Enormous flower on strong stem. 26 in. 85c for 3; \$2.60 for 10; \$24.00 per 100.



Parrot Tulip, Orange Favorite

PARROT TULIP COLLECTION

5 **Black Parrot.** Velvety maroon-black.

5 **Fantasy.** Salmon-pink, feathered green.

5 **Firebird.** Rich red.

5 **Orange Favorite.** Bright orange.

5 **Texas Gold.** Golden yellow.

SPECIAL PRICE
25 Bulbs for only \$2.85

HYACINTHS

Fragrant and Delightful Hyacinths

Hyacinths for outdoor growing should be planted so that the bulb tip is covered no more than 3 inches. Planting dates vary with geographical locations, but they may be planted safely until December 1 in most localities. Bulbs for forcing can be planted until November 15. Use general procedure (Cultural Bulletin on request) as for all hardy bulbs. Hyacinths in glasses should be started in a cool basement until heavy root growth develops and then moved to a bright airy room.

Arentine Arendsen. Pure white. Early.

Bismarck. Sky-blue. For early forcing.

Blue Giant. Beautiful porcelain-blue.

City of Haarlem. Large, pure yellow.

Grand Maitre. Deep lavender-blue.

King of the Blues. Dark blue. Spicy fragrance.

Lady Derby. Bright rose-pink.

La Victoire. Deep carmine-red.

L'Innocence. Large pure white. Forces well.

Marconi. Bright rose. Splendid pot Hyacinth.

Myosotis. Forget-me-not-blue.

Oranje Boven. Reddish orange.

Pearl Brilliant. Pale blue.

Pink Pearl. Vivid rose. Forces early.

Princess Irene. A glorious pure soft pink variety. Sport of Pink Pearl.

Prince Henry. Clear yellow. Good forcing and bedding variety.

Queen of the Blues. Pale azure-blue.

Queen of the Pinks. Rose-pink. Late forcing.

Any of above Hyacinths:	Each	10	100
Second-size bulbs	50	30	\$2.80
First-size bulbs	35	3	25
Top-size bulbs	40	3	50

Miniature Prepared Hyacinths for Christmas

L'Innocence. White. \$2.90 per doz.; \$20.00 per 100.

Imported Hyacinth Glasses

Beautifully blown genuine Dutch Hyacinth glasses of leaded glass. Invaluable as cut-flower vases as well as for forcing beautiful blooms indoors.

Each, postpaid \$1.00
Jumbo Exhibition Hyacinth and Glass complete 1.35



Hyacinths make a beautiful border

Lilies

Beautiful in Form and Color

In Praise of the Lily

"Consider the lilies of the field, how they grow; they toil not, neither do they spin: And yet I say unto you, That even Solomon in all his glory was not arrayed like one of these."
So spoke the Prophet of Nazareth

See planting instructions on page 22.

Lilies for Indoor Growing

For 1 to 9 bulbs, use the 10 price

Creole. We offer the cream of the crop.

Jumbo bulbs, \$13.00 for 10; \$100.00 per 100.

Croft Lily. Eight to 10 large, bell-shaped flowers on sturdy stems, with heavy lustrous foliage. When grown as a pot plant it is about 2½ feet tall.

Top-size bulbs, \$10.00 for 10; \$75.00 per 100.

Jumbo bulbs, \$15.00 for 10; \$120.00 per 100.

Georgia Belle. (New.) Heavy-textured, pure white trumpet. Strong grower; very free flowering. Will produce many blooms from a small-sized bulb. Supply limited.

Top-size bulbs, \$15.00 for 10; \$120.00 per 100.

Lilium Harrisii. This is the true Easter Lily from Bermuda and is a strong grower with good foliage, producing a cluster of long, glistening, pure white, tubular-shaped flowers of heavy substance.

Our growers' fields in Bermuda are entirely free from disease and stock supplied by us has been consistently free from mosaic.

Top-size bulbs, \$10.00 for 10; \$85.00 per 100.

Jumbo bulbs, \$20.00 for 10; \$175.00 per 100.

Extra-selected bulbs, \$25.00 for 10; \$200.00 per 100.

Hollissii. Similar to Harrisii, but can be brought into bloom much earlier.

Jumbo bulbs, \$20.00 for 10; \$175.00 per 100.



Lilium candidum

Hardy Garden Lilies

All Lilies, unless otherwise noted, are top size for the variety

For 1 to 9 bulbs, use the 10 price

Auratum. The magnificent Gold-banded Lily of Japan. Large white flowers with a golden band down the center of each petal. The fragrant flowers, heavily spotted crimson, are carried on strong stems 3 to 6 feet high. Stem rooting; plant 8 inches deep. Blooms in August. \$12.00 for 10; \$100.00 per 100.

Candidum (Madonna Lily). There are no Lilies as interesting and inspiring as the lovely Madonna. Symbolically chaste and graceful, they really steal the show from gaudier garden subjects. Plant in masses for best effect, about 2 inches deep. They increase in beauty each year. Blooms in June. Plant September 1 to November. Monster bulbs, \$8.00 for 10; \$60.00 per 100. Jumbo bulbs, \$10.00 for 10; \$80.00 per 100. Extra-selected bulbs, \$12.00 for 10; \$100.00 per 100.

Fire King. A sensational orange-red hardy Lily, producing as many as 20 to 25 flowers on a stem. Blooming time is mid-June. \$13.00 for 10; \$100.00 per 100.

Philippinense Formosanum. A perfectly hardy, pure white Easter Lily with trumpets 10 inches long. Plant 8 inches deep. Blooms in August. Extra large bulbs, \$5.00 for 10; \$35.00 per 100.

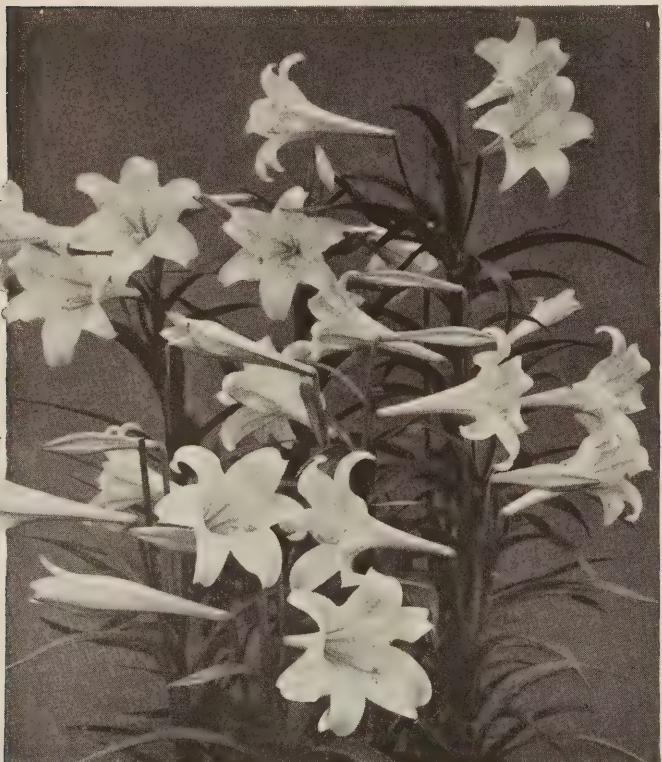
Regale. Gorgeous, bell-shaped, white flowers with a touch of canary-yellow in the throat and a shading of lilac-pink on the outside. One of the most beautiful and easily grown Lilies. Very hardy. Plant in full sun, at least 8 inches deep. Blooms in July. Mammoth bulbs, \$7.00 for 10; \$50.00 per 100. Monster bulbs, \$9.50 for 10; \$75.00 per 100. Extra-selected bulbs, \$10.50 for 10; \$85.00 per 100.

Speciosum Album. Exquisite snow-white with a golden green stripe through the center of each petal; anthers coppery color. In form and habit this is one of the most beautiful Lilies. Blooms in August and September. \$18.00 for 10; \$150.00 per 100.

Speciosum Rubrum. Frosted white, suffused rose-pink and spotted crimson. Plant at least 10 inches deep in a sunny spot. Blooms in August, September. Monster bulbs, \$10.00 for 10; \$80.00 per 100. Jumbo bulbs, \$13.00 for 10; \$100.00 per 100.

Tenuifolium (Coral Lily). Beautiful bright scarlet flowers borne on slender stalks. Height 12 to 18 inches. Fragrant. Plant 3 or 4 inches deep. Blooms early in June. \$2.80 for 10; \$25.00 per 100.

Tigrinum Splendens (Improved Tiger Lily). The grandest of the Tigers; black polished stem. Very large pyramids of flowers, orange-red, spotted with black. 3 to 5 feet high. Plant 6 inches deep. Blooms in August. \$3.80 for 10; \$35.00 per 100.



Lilium Harrisii

Beautiful LILIES



CALLA LILIES

WHITE. \$9.50 for 10

GOLDEN. Mammoth bulbs, \$8.00 for 10

PINK. Mammoth bulbs, \$8.00 for 10



REGALE LILY

Mammoth bulbs, \$7.00 for 10; \$50.00 per 100



LILY SPECIOSUM RUBRUM

Monster bulbs, \$10.00 for 10;
\$80.00 per 100



LILY, GEORGIA BELLE

Top-size bulbs, \$15.00 for 10; \$120.00 per 100



GLORY LILY

\$1.25 each; \$11.00 for 10



OPORTO
40c for 3; \$1.10 for 10;
\$9.00 per 100



GOLDEN HARVEST
45c for 3; \$1.20 for 10;
\$10.00 per 100



SMILING QUEEN
55c for 3; \$1.50 for 10;
\$13.00 per 100



MONGOLIA
50c for 3; \$1.40 for 10;
\$12.00 per 100



CHAPPAQUA
45c for 3; \$1.20 for 10;
\$10.00 per 100



CARRARA
45c for 3; \$1.20 for 10;
\$10.00 per 100



GOLDEN DUCHESS
45c for 3; \$1.20 for 10;
\$10.00 per 100



ELMUS
50c for 3; \$1.40 for 10;
\$12.00 per 100



**BOTANICAL TULIP
CLUSIANA**
45c for 3; \$1.20 for 10;
\$10.00 per 100

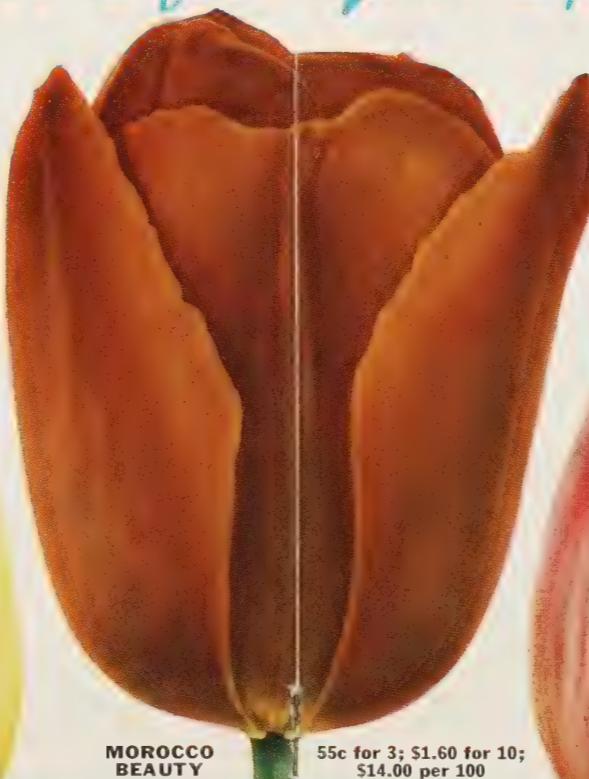


DIXIE SUNSHINE
50c for 3; \$1.40 for 10;
\$12.00 per 100

A Gift for You

With every order amounting to \$10.00 or more, we will include a FREE Hole-in-one Bulb Planter (value \$1.00).

12 INSURPASSABLE
45c for 3; \$1.20 for 10;
\$10.00 per 100



**MOROCCO
BEAUTY**
55c for 3; \$1.60 for 10;
\$14.00 per 100



GOOD GRACIOUS
45c for 3; \$1.20 for 10;
\$10.00 per 100



CUM LAUDE
45c for 3; \$1.20 for 10;
\$10.00 per 100

Colorful TULIPS for Your Spring Garden

Country Garden COLLECTION

A superb collection of our choice, consisting of new and old favorites, especially blended and composed from our Tulip Show and listing.

Each variety separately packaged and labeled.

60 bulbs, 5 each of 12 named varieties \$4.75

120 bulbs, 10 each of 12 named varieties \$9.25

*The Best in Tulips
from Holland*



FREESIA, SNOWSTORM
Top-size bulbs, \$1.70 for 10; \$15.00 per 100



HYACINTHS
Top-size bulbs, 40c each; \$3.50 for 10; \$30.00 per 100



COLLECTION OF SMALL BULBS FOR ROCK GARDENS

A well-blended collection consisting of 10 varieties of small flowering bulbs, suitable especially for the rock garden.

10 each of
10 varieties **100 Bulbs in all for \$6.75**

Collection of Bulbs for Forcing Indoors

A superb collection
that anyone can grow
indoors.

- 2 **Hyacinth, Borah**
- 10 **Paper-White Narcissus**
- 10 **Oxalis**
- 6 **Freesias**
- 6 **Ornithogalum**

34 Bulbs in all
for only

\$4.75



ROYAL DUTCH AMARYLLIS, PINK
\$4.00 each



HARDY AMARYLLIS (LYCORIS) Halli
75c each; \$2.00 for 3; \$6.50 per 10



CROCUS. 80c for 10;
\$6.00 per 100; \$12.50 for 250



SNOWDROPS
85c for 10; \$6.50 per 100



GRAPE HYACINTHS
60c for 10; \$4.00 per 100;
\$9.00 for 250

Daffodils and Narcissus

Daffodil is the English name for the Narcissus. There are many flower shapes and combinations and many variations of the two main Daffodil colors, white and yellow. A few new introductions show light salmon-pink tints in their petals, and many have red in their cups. Read the descriptions carefully before making your choice of varieties. The classification given below will help you to distinguish the various classes. See planting instructions on page 21.

Revision of the Classification of Daffodils. In this catalog we have adopted the revised system for the classification of Daffodils and Narcissus proposed by the Royal Horticultural Society and formally approved by the General Bulb Growers Society of Haarlem (Holland) and the Daffodil Societies of America, Canada, Australia, Tasmania and New Zealand.

The whole genus is now classified in eleven Divisions as follows:

Ia. Yellow Trumpets.
Ib. Bicolor Trumpets.
Ic. White Trumpets.

IIa. Large-Cupped, yellow perianth, colored cup or corona.

IIb. Large-Cupped, white perianth, colored cup or corona.

IIc. Large-Cupped, white perianth, white cup or corona.

IId. Large-Cupped, not falling in a, b, or c.

IIIa. Small-Cupped, yellow perianth, colored cup or corona.

IIIb. Small-Cupped, white perianth, colored cup or corona.

IIIc. Small-Cupped, white perianth, white cup or corona.

IIId. Small-Cupped, not falling in a, b, or c.

IV. Double Varieties.

V. *Triandrus* Narcissus.

VI. *Cyclamineus* Narcissus.

VII. *Jonquilla* Narcissus.

VIII. *Tazetta* Hybrids (Poetaz, etc.).

IX. *Poeticus* Narcissus.

X. Species and Wild Forms and Hybrids.

XI. Miscellaneous Narcissus not falling into any of the foregoing Divisions.

New bulbs are rarely ready before late September. Plant as early as possible for best results, although late planting is satisfactory. All varieties are hardy; in northern climates a mulch is assurance against freezing.

Division I—Trumpet Narcissus

DIVISION IA—YELLOW TRUMPETS

Yellow and Sulphur-colored Trumpet Daffodils

Flower Carpet. Large, clear golden yellow trumpet of excellent form. This we would call the improved King Alfred, inasmuch as it has all the good King Alfred points but produces many more and earlier blooms. 55c for 3; \$1.50 for 10; \$13.00 per 100.

Golden Harvest. The largest of this group and one of the finest. Deep golden yellow flowers with broad perianth petals and long trumpet gracefully rolled back at the brim. Sweet-scented. Strong stems hold the huge blooms nicely erect. 90c for 3; \$2.70 for 10; \$25.00 per 100.

King Alfred. Both perianth and trumpet are rich golden yellow. The trumpet is deeply frilled and recurved; the perianth is rather informal. A forcing and bedding flower of proved merit. Jumbo bulbs, Oregon grown, 90c for 3; \$2.70 for 10; \$25.00 per 100. Top-size bulbs, Holland grown, 65c for 3; \$1.90 for 10; \$17.00 per 100.

Rembrandt. A lovely early, large golden yellow. Highly recommended. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Sir Henry Deterding. A pleasing, moderately priced pale yellow. Good for naturalizing and forcing. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Unsurpassable. One of the largest trumpets. Broad, much overlapping perianth; very large, spreading trumpet, beautifully rolled back at the brim. Deep golden yellow. 90c for 3; \$2.70 for 10; \$25.00 per 100.

DIVISION IB—BICOLOR TRUMPETS

White or Whitish Perianth with Yellow, Lemon or Pale Primrose Trumpet

America. Free of basal rot. Pure white perianth; broad and spreading, bright golden trumpet, nicely flanged at mouth. 90c for 3; \$2.70 for 10; \$25.00 per 100.

DIVISION IB—BICOLOR TRUMPETS, continued

Queen of Bicolors. Ivory-white perianth and wide-open, deep golden yellow trumpet. Early. Large blooms, exquisite color, and good shape make it one of the finest medium-priced varieties of this group. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Spring Glory. Medium long, creamy white perianth; chrome-yellow trumpet with reflexed brim. Very fine. 75c for 3; \$2.20 for 10; \$18.00 per 100.

World's Favourite. The large, flat, much overlapping and thick perianth is pure white. Large, well-proportioned trumpet of soft pale yellow. Highly recommended. 80c each; \$2.25 for 3; \$7.00 for 10.

DIVISION IC—WHITE TRUMPETS

White or Whitish Perianth with White or Nearly White Trumpet

Beersheba. The large flowers are pure white and of perfect form with a splendid perianth, nicely flat and standing at right angles to the trumpet, the pointed segments long and overlapping. Splendid substance. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Mount Hood. Creamy white perianth and trumpet. Large flower. 95c for 3; \$2.90 for 10; \$27.00 per 100.

Mrs. Ernest H. Krelage. One of the best recent introductions. Snowy white perianth with elegant creamy white trumpet, recurving at brim. Flowers of great substance. Vigorous grower. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Roxane. A large, creamy white trumpet with round, overlapping, pure white perianth. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Division II—Large-Cupped Narcissus

(Comprising the former Incomparabilis and large-crowned Leedsii)

DIVISION IIA—LARGE-CUPPED

Yellow, Lemon or Pale Primrose Perianth with Yellow, Pink or Red-Stained Cups

Carlton. Clear soft yellow. Close, broad, overlapping perianth; large cup with frilled edge. 55c for 3; \$1.60 for 10; \$14.00 per 100.

Fortune. Beautiful clear deep lemon-yellow, flat, overlapping perianth with a very large and long bold cup of coppery red-orange. Good substance; perfect carriage. Grows 2 feet tall. 60c for 3; \$1.70 for 10; \$15.00 per 100.



Large Trumpet Narcissus

Large-Cupped Narcissus, Division IIA, continued

Granville. Canary-yellow perianth, shading to a creamy yellow after opening. Large, broadly expanded, self-colored, vivid orange crown, strongly ruffled. A magnificent show variety. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Havelock. A distinct large-cupped Daffodil of splendid durable texture and refined quality. Clear self yellow with very broad, smooth perianth and bowl-shaped crown. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Helios. Perianth deep golden yellow; cup opens a little darker than the petals and gradually changes to deep orange. Excellent for forcing and a splendid garden variety. 55c for 3; \$1.50 for 10; \$13.00 per 100.

Hollywood. This very fine flower might best be described as an improved Fortune. Large, much overlapping, flat, deep golden yellow perianth. The trumpet crown is clear orange. Very early. Scarce. \$1.00 each.

Red Devon. Round, much overlapping, deep clear yellow perianth; the bright red crown is slightly frilled and absolutely sunproof. \$1.80 each.

Scarlet Elegans. Dark yellow perianth; brilliant scarlet cup. Extra. 55c for 3; \$1.50 for 10; \$13.00 per 100.

DIVISION IIB—LARGE-CUPPED

White or Whithish Perianth with Yellow, Pink or Red-Stained Cups

Clamor. A very striking flower of splendid form. Perianth ivory-white with a conspicuous expanding orange-scarlet crown. Strong grower, fine for exhibition and forcing. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Dick Wellband. Pure white, broad oval perianth petals in startling contrast to the large, crinkled, coppery orange crown. 55c for 3; \$1.60 for 10; \$14.00 per 100.

Duke of Windsor. Best of all "weatherproof" varieties. Broad, white, overlapping perianth of good substance. Large and broad, pale orange crown, which is very flaring and short. Inside of cup shows delicate flaking of broad golden band. Its unusual substance and keeping qualities stamp it as a flower of all-round excellence. Top show variety. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Emerald. A strong, pure white perianth; wide, flaring, short, deeply and heavily ruffled crown of great substance and of lemon-yellow color. New "weatherproof" variety. 65c for 3; \$1.90 for 10; \$17.00 per 100.

Francisca Drake. The pure white perianth petals are of unusual substance, 1½ inches wide, and tinted gold at the base; the cup, wide and deep, is golden yellow at the base, changing gradually to flame-orange at the densely frilled edge. Free flowering. 65c for 3; \$1.80 for 10; \$16.00 per 100.

Gratia. Pure white perianth; frilled lemon cup. 75c for 3; \$2.20 for 10; \$20.00 per 100.

John Evelyn. Flatly opening perianth, 4 to 5 inches across, with a flat cup nearly 2 inches in diameter, densely frilled. Perianth pure white; cup lemon-yellow, fluted to the base. 55c for 3; \$1.50 for 10; \$13.00 per 100.

Kilworth. Large flower with broadly overlapping white perianth and bowl-shaped crown of very dark orange-red, with touch of green in the center. Unfading. The best in the red and white class. \$1.35 for 3; \$4.20 for 10; \$40.00 per 100.

L'Argentina. Large and broad white perianth. The cup is white, but filled with radiating stripes of yellow and orange, giving the appearance of spokes in a wheel, making it a very unusual variety. \$1.00 for 3; \$3.10 for 10; \$28.00 per 100.

Lady Bird. White perianth of perfect form; the large, flaring trumpet is evenly ruffled, pale apricot outside and deep orange-apricot inside. Late. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Lemon Cup. Soft cream-white perianth; very broadly expanded buttercup-yellow crown, inside broadly edged pale yellow, flat, strongly ruffled and flaring. Tall, strong stem; early and free flowering. Recommended. 70c for 3; \$2.00 for 10; \$18.00 per 100.



Border of Narcissus

Large-Cupped Narcissus, Division IIB, continued

Louis de Coligny. New Pink Daffodil. The reflexing habit of the perianth, which is pure white and of good substance, tends to throw the near apricot-pink cup into focus. Another and very pleasant attraction of Louis de Coligny is that it is strongly fragrant. \$1.20 for 3; \$3.70 for 10; \$35.00 per 100.

Monique. White perianth flushed yellow at base; large, attractively crinkled, open yellow cup shading to deep orange at brim. Of exceptional value for all purposes. Long lasting. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Mrs. R. O. Backhouse. Silvery white perianth; trumpet heavily tinted soft apricot-pink changing to shell-pink at the deeply cut edge. This is the famous "pink Daffodil". Delightful fragrance adds to its charm. Unusual; much admired. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Orange Monarch. Broad, ivory-white perianth of good substance; the enormous, flaring crown is of a brilliant orange, nicely ruffed and very strong. Outstanding. \$1.00 for 3; \$3.00 for 10; \$28.00 per 100.

Pink Fancy. Well-formed white perianth, with a pale apricot trumpet, broadly fringed soft pink. We strongly recommend this for naturalizing, not only because it is so free flowering but because it will outlast most other Daffodils. 65c for 3; \$1.80 for 10; \$16.00 per 100.

Pink Favorite. Pure white perianth. At opening, the trumpet is very pale yellow, soon turning a most beautiful apricot-pink. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Pink Rim. Pure white perianth; the cup is a pale citron-yellow with a very distinct light picotee-pink rim. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Royal Crown. Large, silvery white perianth; the very large, heavily frilled, much expanded crown is soft apricot. One of the best John Evelyn seedlings. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Sempre Avanti. Perianth creamy white; large, bright orange cup. 55c for 3; \$1.60 for 10; \$14.00 per 100.

Siam. Pure white perianth, well formed and of good substance. The wide and flaring trumpet is apricot, changing gradually to soft pink. A giant among the "pinks". \$1.05 for 3; \$3.20 for 10; \$30.00 per 100.

Division III—Small-Cupped Narcissus

(Comprising the former Barrii and Small-cupped Leedsii)
Distinguishing characters: One flower to a stem; cup or corona not more than one-third the length of the perianth segments.

DIVISION IIIA—SMALL-CUPPED

Yellow, Lemon or Pale Primrose Perianth with Yellow or Red-Stained Cups

Rapallo. Strong, very flat, much overlapping, round, clear yellow perianth. The very large and absolutely flat crown is deepest golden yellow, broadly margined bright red. A very fine and unusual short-necked flower on a strong stem. 75c each; \$2.00 for 3.

DIVISION IIIB—SMALL-CUPPED

White or Whithish Perianth with Yellow, Pink or Red-Stained Cups

Amateur. Much overlapping, white perianth and a large, perfectly flat, bright scarlet crown. 50c each; \$1.40 for 3; \$4.00 for 10.

Diana Kasner. White perianth; cup yellow with red frill. 50c for 3; \$1.50 for 10; \$13.00 per 100.

Firetail. A very attractive flower of Poeticus form, with broad, creamy white perianth and a large, bright crimson-scarlet cup. Flowers of great substance. Strongly recommended. 55c for 3; \$1.60 for 10; \$14.00 per 100.

Lady Diana Manners. Creamy white perianth with a large, orange-scarlet crown. A beautiful garden variety. 65c for 3; \$1.80 for 10; \$16.00 per 100.

Division IV—Double Narcissus

Daphne. A full double form of the old Poeticus Ornatus with pure white flowers; sweet scented. May be forced gently. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Hollandia. Classed as a double, but only partly so. The flat, overlapping perianth is yellow, and the large, very double crown is deep orange-red. Unusual. \$1.35 for 3; \$4.25 for 10; \$10.00 per 25.

Holland's Glory. A double sport of Emperor, with a double row of petals and a very full, medium long, triangle cup of clear lemon. Strong grower. 90c for 3; \$2.70 for 10; \$25.00 per 100.

Inglescombe. An exquisite flower of very fine quality and form, and one of the best doubles. Large flower of uniform primrose color. A vigorous grower much praised for cutting. Strongly recommended for outdoor culture. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Twink. Charming flower of pale primrose flushed white; center deep orange-red. A very showy exhibition novelty as well as a lovely garden variety. A particularly easy grower. 70c for 3; \$2.00 for 10; \$18.00 per 100.



Narcissus in the Rock-Garden

Division V—Triandrus Narcissus

Moonshine. Creamy white. Very good. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Triandrus Albus (Angel's Tears). Flowers resemble miniature cyclamens, with their reflexed, creamy white perianths and pure white cups. 40c for 3; \$1.00 for 10; \$8.00 per 100.

Thalia. Often called the orchid-flowered Daffodil, it produces beautiful pure white flowers carried 2 to 4 on a stem. Most attractive for either rock garden or indoor decoration. 70c for 3; \$2.00 for 10; \$18.00 per 100.

Division VII—Jonquilla Narcissus

Giganteus Campernelle. Largest flowering of all Campernelles. The deep yellow, fragrant flowers are borne freely in clusters of impressive size. Crown is broadly fluted at margin. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Golden Sceptre. Flowers are deep jonquil-yellow, 3 inches or so across. The perianth is star-shaped, just a shade lighter than the trumpet, which is slightly rolled and flaring at the brim. A handsome, free-flowering, tall Jonquil hybrid for garden and cutting. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Single Campernelle. Each stem carries from 2 to 5 rich, deep yellow, delightfully fragrant flowers; very long lasting. Lovely in every way; effective in beds and ideal for cutting. 40c for 3; \$1.00 for 10; \$8.00 per 100.

Single Jonquil. The true, delightfully scented, old-fashioned Jonquil with the fragrance of the honey locust. Each stem carries a cluster of 3 to 8 small, bright golden yellow flowers. 45c for 3; \$1.20 for 10; \$10.00 per 100.

Trevithian. Several soft yellow flowers on a stiff stem. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Division VIII—Poetaz Narcissus

Cheerfulness. A very showy and decorative variety with 2 or 3 blooms on a strong stem. White perianth and a full double, creamy white center shaded yellow. Excellent cut flower. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Cragford. Very early; easily forced. Strong pure white perianth and brilliant scarlet eye. It may be successfully grown in pebbles in water like Paper-White Narcissus to bloom just after Christmas. 75c for 3; \$2.20 for 10; \$20.00 per 100.

Early Perfection. Four or 5 large flowers of great substance on a long strong stem. Broad white petals and a yellow cup; very early. Excellent forcing variety. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Geranium. Perianth pure white, very round and flat; cup intense solid orange-scarlet. Four or more flowers on a strong, tall stem; late. Excellent for the garden. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Halvose. A very interesting variety on account of its color. Clear yellow perianth flushed coppery red; bright red crown, the red suffusing the segments. 65c for 3; \$1.90 for 10; \$17.00 per 100.

Laurens Koster. Heads of 5 or 6 large flowers, with solid rounded perianth and pale yellow cup. Good grower and one of the best for forcing. 55c for 3; \$1.50 for 10; \$13.00 per 100.

Martha Washington. Large, strong white perianth and large orange cup. Two, but mostly 3 flowers are carried on a tall, strong stem. Most unusual variety. 80c for 3; \$2.40 for 10; \$22.00 per 100.

Yellow Cheerfulness. Soft yellow sport of Cheerfulness. 65c for 3; \$1.80 for 10; \$16.00 per 100.

Division IX—Poeticus Narcissus

Actaea. One of the largest Poeticus in existence. Broad snow-white perianth of great substance and good form, the very large eye broadly margined dark red. Vigorous plant. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Pheasant's Eye (Recurvus). Somewhat reflexing, pure white perianth; small yellow eye edged deep scarlet. Old favorite; well known. 55c for 3; \$1.50 for 10; \$13.00 per 100.

Red Rim. Round, flat, pure white perianth with large yellow eye, edged red. 65c for 3; \$1.80 for 10; \$16.00 per 100.

NARCISSUS POLYANTHUS (Not Hardy)

Paper-White Narcissus

Top Quality, Guaranteed-to-Bloom Bulbs

A beautiful indoor plant of easy culture. Push a few of the bulbs into a bowlful of pebbles, water, set in a cool dark place for two weeks and then a sunny window, and your winter window garden will show its first crop of beauty in six weeks, with clusters of fragrant, pure white, star-shaped blooms.

Our Paper-White Narcissus are true French Grandiflora.

Jumbo Bulbs. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Mammoth Bulbs. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Grand Soleil d'Or (The Yellow Paper-White)

Just as easy to grow as the Paper-Whites but take a little longer to bloom. Golden yellow flowers with orange cups; fragrant.

Jumbo Bulbs. 60c for 3; \$1.70 for 10; \$15.00 per 100.

Mammoth Bulbs. 50c for 3; \$1.40 for 10; \$12.00 per 100.

Chinese Sacred Lily

White perianths and yellow cups, with a distinctive fragrance. Grow just like Paper-Whites. 50c for 3; \$1.40 for 10; \$12.00 per 100.

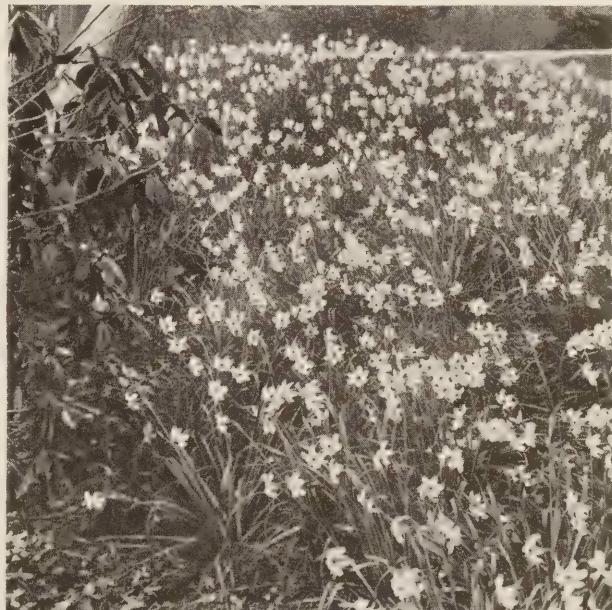
FRENCH'S NARCISSUS MIXTURE FOR NATURALIZING

A truly wonderful mixture of fine Daffodils. Early and late varieties are combined to give a long blooming season.

French's Ideal Naturalizing Mixture. \$9.50 per 100; \$90.00 per 1000.

French's Superb Naturalizing Mixture. \$13.00 per 100; \$110.00 per 1000.

French's Seedling Mixture. \$16.00 per 100; \$140.00 per 1000.



Naturalized Narcissus

Miscellaneous Bulbs



Anemone,
St. Brigid

Amaryllis

See planting instructions on page 21.

Giant Hybrids. These Giant Amaryllis are for indoor culture only. They are available from November 15 until the end of April. The colors vary from white striped with pink or red to dark red. We offer these Giant Hybrids as a mixture only. They are our best seedlings. **We guarantee complete satisfaction with every**

Giant Amaryllis bulb. \$1.00 each; \$10.00 per doz.

ROYAL DUTCH. A wonderfully true dutch variety for the Amaryllis fancier. Will bloom two to three times each growing season.

Pure White. \$4.00 each.
Red. \$4.00 each.

Pink. \$4.00 each.
Orange. \$4.00 each.

Hardy Amaryllis Outdoors (Lycoris)

Squamigera Hallii. Beautiful, lily-shaped flower of a delicate lilac-pink. Very useful for the border or among shrubbery. 75c each; \$2.00 for 3; \$6.50 for 10.

Radiata (Coral-Red Spider Lily). Beautiful fiery coral-red flowers, 1½ to 2 inches across. 30c each; \$2.50 for 10.

Anemones

For Forcing

GIANT POPPY-FLOWERED. Striking single and semi-double, poppy-like flowers. The most intense shades of red, white, pink, blue. Plants grow 18 inches tall and may be forced for indoor bloom. Excellent cut flowers.

Blue Poppy. Choice selection of blue shades.

Monarch de Caen. Brilliant and varied colors, from pink to beautiful shades of blue and bright scarlet.

St. Brigid. Immense, semi-double flowers in many colors.

Any of the above, jumbo bulbs, \$1.40 for 10; \$12.00 per 100

Calla Lilies

For Forcing. Plant September to January

These old favorites are still one of the most satisfactory bulbs for home culture. See planting instructions on page 22.

White Calla (*Zantedeschia aethiopica*). Pure white. Jumbo bulbs, \$9.50 for 10; \$75.00 per 100.

Golden Calla (*Z. Elliottiana*). Pure golden yellow Calla of easy culture. Plant December 1 for midwinter bloom; plant February 1 for Easter bloom. Mammoth bulbs, \$8.00 for 10; \$60.00 per 100. Jumbo bulbs, \$10.00 for 10; \$80.00 per 100.

Chionodoxa (Glory-of-the-Snow) Outdoors

A mass planting forms a lovely display—a mass of blue and white, intense and brilliant. They bloom at the time of the Crocuses, producing dwarf flower spikes that bear from 12 to 15 flowers of sky-blue with a pure white heart. They should be planted in the fall, 3 inches deep, about 18 bulbs to a square foot, in a sunny location or in half shade and in places where they can remain undisturbed for a number of years. All are 6 to 7 inches high, therefore excellent in the rockery as well.

Luciliae. Bright blue, white center. Often 6 to 8 blooms on each stem. 55c for 10; \$3.50 per 100; \$8.00 for 250.

Sardensis. True gentian-blue. 55c for 10; \$3.50 per 100; \$8.00 for 250.

Crocus Outdoors

Among the first flowers of spring. See planting instructions on page 22.

BLUE and PURPLE

Early Perfection. Dark blue. Early.

Enchantress. Clear dark porcelain-blue.

Purpurea Grandiflora. Dark purple. Good for forcing.

Remembrance. Dark lavender-blue. Large; free flowering.

The Bishop. Dark purple.

WHITE

Snowstorm. Pure white, large flowers.

STRIPED

Striped Beauty. Striped white and dark mauve.

Any of the above, extra-large bulbs, 80c for 10; \$6.00 per 100; \$12.50 for 250

YELLOW

Mammoth Yellow. Brilliant yellow. Very profuse.

Extra-large bulbs, 95c for 10; \$7.50 per 100; \$16.25 for 250

SPRING AND WINTER-FLOWERING SPECIES

ANCYRENSIS (Golden Bunch). Clear yellow.

CHRYSANTHUS (Dorothy). White.

CLOTH OF SILVER. White, striped purple.

TOMASINIANUS (Whitewell Purple). Reddish violet.

Any of the above, 80c for 10; \$6.00 per 100

Eranthis (Winter Aconite)

Hyemalis. Yellow. One of the earliest spring flowers. 70c for 10; \$5.00 per 100; \$10.00 for 250.



Crocus

Freesias

PATENTED VARIETIES

For Forcing. Plant August to November

These new varieties represent a new race of Freesias. The flowers are twice the size of ordinary varieties; the colors are intense; they are strong, virile growers, and the flowers are borne in immense trusses. None of these improvements have minimized the fragrance of the old type. In fact, the delicate and delightful aroma seems to be enhanced in these new varieties. See planting instructions on page 22.

Appleblossom. Beautiful pink.

Bronze Giant. Copper and orange.

Giant Apotheose. New deep lavender-pink.

Giant Cream. Cream color.

Gold Finch. A combination of colors like the Talisman rose, but a little darker.

King of Yellows. Golden yellow.

Marie. Gorgeous pure white.

Maryon. Light blue.

Snowstorm. Pure white; large.

**Any of the above, top-size bulbs, \$1.70 for 10; \$15.00 per 100
Jumbo bulbs, \$2.00 for 10; \$18.00 per 100**

Fritillaria Imperialis Outdoors

Rubra (Crown Imperial). Derives most of its name from the crown-shaped flower. The original species grew wild in English meadows, and the present dark red form is excellent for naturalizing as well as for the garden or border. It blooms in May and June. Children admire the pearly drops of nectar found in the chalice. For best results, the bulbs should be planted during September. \$1.00 each; \$9.00 for 10.

Meleagris. Large, pendent, bell-shaped flowers of various colors. 65c for 10; \$4.50 per 100.

Baby Gladiolus

For Forcing

An extremely popular flower of marvelous grace and beauty. Wonderful for forcing.

Orangeade. New. Dainty blooms of very soft orange.

Peach Blossom. Soft pink.

Spitfire. Deep reddish salmon.

The Bride. Pure white.

Any of the above, \$1.45 for 10; \$12.00 per 100

Tristis Supreme. The finest of all Tristis Hybrids. Pure white with delicate greenish cast in center. Tall, vigorous; delicately fragrant. \$1.85 for 10; \$16.00 per 100.

Glory Lily

(*Gloriosa Rothschildiana*)

Greenhouse climber; or may be grown outdoors, provided the roots are lifted before frost. Plant in a sunny position and water generously in dry weather. \$1.25 each; \$11.00 for 10.



Fritillaria meleagris



Fritillaria imperialis



Dutch Iris

Dutch Iris (Iris Hollandica)

This is a hybrid type of bulbous Iris that was developed in Holland. It is somewhat similar to the Spanish Iris but it blooms earlier and the flowers are large and more beautiful.

Grown indoors in a moderate temperature; also suitable for garden culture in the Southern States. See planting instructions on page 22.

Golden Harvest. Beautiful yellow. \$1.00 for 10; \$8.00 per 100.

Hutchensburg. Pleasing light blue standards and light yellow falls with deep golden yellow blotch. \$1.00 for 10; \$8.00 per 100.

Imperator. Large, dark blue. \$1.00 for 10; \$8.00 per 100.

Wedgwood. Light blue, larger flower. \$1.45 for 10; \$12.00 per 100.

White Excelsior. Large, pure white. \$1.00 for 10; \$8.00 per 100.

White Superior. White with sulphur line on falls. \$1.00 for 10; \$8.00 per 100.

Yellow Queen. Pure yellow. \$1.00 for 10; \$8.00 per 100.

Leucocoryne (Glory-of-the-Sun)

For Forcing

Ixloides (Odorata). Very long-lasting, exquisite light blue flowers, with faint heliotrope fragrance on tall, wiry stems. For greenhouse culture or outdoors in warm states. Blooms in March and April. Unquestionably one of the loveliest new bulbs introduced. \$2.55 for 10; \$23.00 per 100.

Leucojum (Snowflake)

Cultured

Aestivum. White, tipped green. Strong flowers, similar to a giant snowdrop, with two or more flowers on a stem. Blooms in May. \$1.45 for 10; \$12.00 per 100; \$27.50 for 250.

Vernum. White, tipped green. Blooms in February. \$1.25 for 10; \$10.00 per 100; \$22.50 for 250.

Lily-of-the-Valley

Cold Storage for Growing in the House

See planting instructions on page 22.

We believe our cold-storage Lily-of-the-Valley pips are the finest grade procured from Germany. Case of 250, \$45.00; \$3.00 per doz.; \$22.00 per 100.

Mertensia

Virginica (Virginia Bluebell). Nodding, blue, bell-shaped flowers. Blooms and combines well with daffodils. \$5.00 for 10; \$35.00 per 100.

Muscari (Grape Hyacinth)

Outdoors

Charming spring-flowering subjects. They grow under trees and shrubs and also do well in full sun in the border or a sunny spot in the rock garden, without any special attention. *Botryoides* and *Armeniacum* are also beautiful when forced in the house (same culture as Freesia), while *Plumosum* is always a source of great interest. All are about 6 to 8 inches high.

Armeniacum. Deep cobalt-blue, larger than Heavenly Blue.
Botryoides album. Pure white.

Either of the above, 60c for 10; \$4.00 per 100; \$9.00 for 250

Plumosum (Feather Hyacinth). Purple. Very remarkable. \$1.00 for 10; \$8.50 per 100.

Ornithogalum

For Forcing

Arabicum (Star of Bethlehem). Makes a large umbel of small, white flowers with black base, produced on a tall spike. Hardy in the extreme South, but must be grown indoors in the North. \$1.75 for 10; \$15.00 per 100.

Oxalis

For Forcing

See planting instructions on page 22.

Bermuda Buttercup. This is one of the finest winter-flowering plants for pot culture. It is a strong, luxuriant grower, and the great profusion of bloom produced in uninterrupted abundance for weeks is astonishing. The flowers are of the purest bright buttercup-yellow. 65c for 10; \$4.50 per 100.

Ranunculus

For Forcing

The popularity of this famous strain is due to the magnificent and beautiful range of colors. The yellow and white shades have light centers, while the reds, orange, and other bright colors have black central boss.

Golden Yellow
Orange Shades
White Shades
Mixed Shades

Any of the above, \$1.85 for 10; \$16.00 per 100

Red Shades
Pink Shades
Rose Shades
Yellow Shades

Scilla Campanulata (Hispanica) (Spanish Bluebell)

Outdoors

The Spanish Bluebells bloom in May, and are very valuable for wild gardens, woodlands, flower and shrubbery borders. They are of very easy culture, doing well in shade as well as in sun. Height 10 to 12 inches. Top-size bulbs.

Alba Maxima. Pure white.

Blue Queen. Porcelain-blue. Tall.

Excelsior. Blue. Free flowering.

Rose Queen. Clear rose.

Any of the above, 75c for 10; \$5.50 per 100; \$12.50 for 250

SCILLA SIBIRICA, Spring Beauty. Sky-blue. Large. 90c for 10; \$7.00 per 100.



Scilla Campanulata

Snowdrops (Galanthus)

Outdoors

One of the earliest bulbs to bloom in the spring. Thrives in both sun and shade and in almost any situation or soil. Excellent for banks, edgings, or the rockery. Perfectly hardy. Height 6 to 8 inches.

Nivalis Simplex. Single; pure white. 85c for 10; \$6.50 per 100.

Sparaxis (For Forcing)

Bright-colored, large-flowered strain. Mixed colors, extra selected. 65c for 10; \$4.50 per 100; \$10.00 for 250.

Spirea (Astilbe)

Beautiful Blooms in Midsummer

Outdoors

Astilbes are colorful perennials for shaded locations in the garden. They also do well in the sun. They prefer rather rich, moisture-retaining soil; watering is essential during dry weather. Plants bloom freely in June and July and the foliage remains attractive for the rest of the summer. Height about 2 feet.

Deutschland. Purest white. Good forcer.

Gladstone. Large spikes of pure white flowers. Height 18 in.

Gloria Superba. Dense, feathery plumes of a brilliant dark pink, shaded soft lilac.

Rhineland. Bright crimson, shaded salmon.

Any of the above, clumps, \$1.00 each; \$10.00 per doz.

Triteleia Uniflora (Spring Star Flower)

Planted in masses or as an edging to beds of spring flowers. The pretty star-shaped flowers are of a delicate milky white color, suffused with blue, having a rich primrose fragrance. Very desirable for early spring decoration in the house or greenhouse, as well as for cut flowers. 70c for 10; \$5.00 per 100.

BULBS SUITABLE FOR FORCING

TULIPS

Darwin, William Copland
Darwin, William Pitt
Cottage, Albino

Cottage, Carrara
Cottage, Golden Harvest
Cottage, White Virgin



DAFFODILS

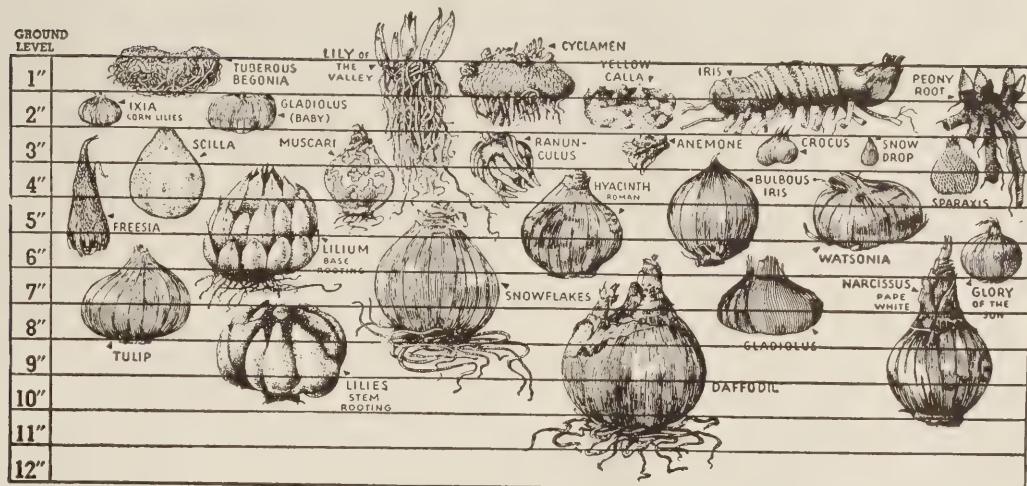
Yellow Trumpet, Golden Harvest
Yellow Trumpet, King Alfred
Yellow Trumpet, Rembrandt
Large-Cupped, Carlton
Large-Cupped, Helios
Poetaz, Early Perfection

DUTCH IRIS

Golden Harvest
Imperator
Wedgwood

White Excelsior
White Superior
Yellow Queen

HOW TO PLANT BULBS



IT'S EASY TO GROW BULBS THIS WAY!

The simple planting chart above shows average planting depths and spacing for hardy bulbs. In cases when you have a light, friable soil, Tulip bulbs may be planted deeper, so that they will give more years of bloom before they need to be divided.

Exceptions to the depths shown in the chart should be made in the case of *Lilium candidum*, which, unlike other Lilies, should be planted only 2 to 3 inches deep.

After blooming, bulbs should be left undisturbed until the foliage has turned yellow. It is not necessary to dig bulbs up after blooming.

A good application of coarse bonemeal is beneficial when applied to soil before planting in the fall. Sacco Plant Food (4-12-4), when applied in the spring after bulbs have grown 2 to 3 inches, will encourage a stronger stem and larger, brighter flower.

PLANTING INSTRUCTIONS

AMARYLLIS

There are very few bulbs that will give more satisfaction when grown indoors than the beautiful Amaryllis. This gorgeous plant is very easily grown, and will bloom in six to seven weeks after potting. Use a 5 or 6-inch earthen flower pot, depending on the size of the bulb.

Use a mixture of good sandy loam with about a heaping teaspoonful of bonemeal or sheep manure, and mix well. Plant bulb about two-thirds its length in the soil, leaving the neck or top of bulb extending above the surface.

Water very sparingly until the flower bud or buds appear, and then as they grow taller add a little more water each time. Do not let it get dry.

Place pot in a good light until flower buds are well above the bulb, then place in a sunny window; do not feed plant until after it has bloomed, as the bonemeal or sheep manure will suffice up to that time.

After the blooms have died away, cut off flower stems, and by that time the foliage will have started to grow. Keep this foliage growing by watering well every two or three days, and feed plant once a month with some good well-balanced fertilizer (we recommend Sacco Plant Food). This plant food is excellent for all kinds of flowers both indoors and out; use one level teaspoonful to a 5 or 6-inch pot. Loosen the soil slightly in the pot; put fertilizer evenly around the pot and water in.

When warm weather arrives, about May 10, place pot in the garden and sink in ground to top of pot; in dry weather water well and feed once a month. Keep plant growing all summer, until about October. Then bring inside and place it in the basement on its side. When the foliage dies, cut it off at top of bulb; do not take bulb out of pot, but place pot in a dark corner of basement and then forget it.

About the end of January see if the bulb has made any sign of growing. If so, bring pot to the light, water lightly and proceed as before.

DAFFODIL & NARCISSUS

OUTDOOR CULTURE

Daffodils thrive in any good garden soil, preferably deep well-drained loam. Deep preparation of the soil is necessary, and old rotted manure or compost may be worked in 16 or 18 inches below the surface, so as not to come in direct contact with the bulbs. FRESH MANURE SHOULD NEVER BE USED. A liberal amount of old bonemeal should also be worked in with the rotted manure and compost.

In medium soils, cover the bulbs about twice their depth, and a little deeper in lighter soils. The average for most sorts is 3 to 4 inches from the top of the bulb. Set bulbs at a uniform depth; otherwise they may flower irregularly.

POT CULTURE

Daffodils should be potted in September or October in good loamy soil, adding a little sand or leafmold and a small amount of bonemeal (about 2 pounds to the bushel of soil).

The old pots must be washed thoroughly and allowed to dry before using. New pots should be soaked. Provide drainage by placing pieces of charcoal or fragments of pots over the drainage hole. A little ground peat in the bottom regulates drainage, retaining moisture.

After ten or twelve weeks they may be taken indoors for flowering. Plant the earliest varieties first, thus extending the flowering season.

Do not bring them into a warm temperature—50 to 60 degrees is best at first. Do not give any bottom heat. Later, when the flower buds are well advanced, the temperature may be increased to not more than 65 degrees.

When the pots are first brought to the light, the tender shoots may be covered for a day or two with an inverted flower pot to prevent injury from light or draft. A little weak liquid manure once a week, until buds burst, will hasten the flowers after growth has started.

TULIPS

OUTDOOR CULTURE

Planting can be done any time between late September and mid-November when the ground is moist. Loosen the soil in full spade's depth and pulverize it. Add compost or leafmold if soil is stiff; also add some bonemeal; then rerevel the bed.

For a good-looking clump, plant not less than ten in a group, allowing 5 inches between bulbs. Lay them out on the ground, where you want them. Lift the first bulb and stab your hand trowel its full depth, 6 to 8 inches, straight down into the soft soil directly below where the bulb lay. Pull the trowel blade toward you to widen opening. With your other hand, insert a bulb with pointed end up. Press its base firmly against bottom of the hole. Pull up and out on your trowel and let the soil fall back to fill. Press the soil over each bulb as planted. Give the bulbs two to four weeks to start their roots before watering. Tulips should not have too much moisture before they have made roots; in that condition they are easy victims to rot or other infections.

Top feed with Sacco Plant Food in the spring when bulbs are 2 to 3 inches above ground. This will insure a stronger stem and truer color.

POT CULTURE

Pot up the bulbs as soon as you receive them, in loose, coarse soil. The addition of peat moss may prove beneficial, since a continuous supply of moisture is needed and the soil should never be permitted to dry out. The bulbs are planted about $\frac{1}{2}$ inch apart in bulb pans or 4-inch-deep flats and watered well.

Bury the pots in a pit or trench, with 8 to 10 inches of straw or leaves and soil on top and around the sides of the containers. A root-making period of eight to twelve weeks is required before pots can be brought into the warmth of the house or greenhouse.

Lilies

OUTDOOR CULTURE

Lilies must have perfect drainage, such as a gentle slope can provide. Air drainage is important, too, for a good breeze can keep many garden pests and diseases away. If your site is level and the soil heavy, then prepare raised beds for the bulbs. Take care not to damage the roots in planting.

Lilies need sunlight, at least until 2 P.M. Filtered sunlight or semi-shade may bring out the more delicate colors, but they tend to make weak stems and soft flowers. Do not plant near house walls, walls or drives that reflect sunlight or heat.

Lilium candidum should be planted with not more than 2 inches of settled soil over the top of the bulbs. Others need more covering, depending on the species.

Lilies are gross feeders and root deeply. They need a porous, well-aerated soil, rich in humus and well-balanced plant food. They like a good mulch of well-rotted cow manure, rich compost or decaying leafmold, and this can be applied several times during the growing season. The mulch keeps the soil cool, discourages weak growth and eliminates the need for surface cultivation which might hurt the stem roots. Shallow-rooted ground cover keeps the ground shaded and is beneficial. Do not expect your Lilies to compete with strong-growing perennials or shrubs.

POT CULTURE

The soil mixture must be loose and porous. Two parts sandy loam, one of leafmold, and one of sand is good. An inch of gravel should be placed in the bottom for drainage. Fill the pot half full of soil mix, and a handful of sand, set the bulb on the sand, then surround with more sand. The pot is then filled with soil mix, watered, labeled, staked and put in a cool place until spring. Control aphids and fungous diseases with a good spray.

LILY-OF-THE-VALLEY

Lily-of-the-Valley can be had in flower from January through May by successive plantings. It is grown from specially pre-cooled bulbs or pips that come from Europe, especially Germany, and are sold in bundles. Grow them in a box 8 inches deep, in a deep bulb pan, or in a bench if large quantities are wanted. Sand, peat or sphagnum moss may be used as the planting medium.

The pips are planted with the crowns extending about $\frac{1}{2}$ inch above the surface. Keep them covered with heavy paper for about two weeks, then gradually let them have full light. Bottom heat is wanted, about 70 to 80 degrees. The covered propagating bench is a good place to grow them. Water heavily during this period, tapering off when the flower buds appear. The pips are useless once they have been forced.

CALLA LILIES

The Callas are good subjects to grow because they require so little attention. The flowers last a long time when the plants are grown slowly, and the plant continues to provide attractive and useful foliage after the flowers are gone.

The rhizomes may be potted up any time from August through December. Smaller ones can go into 5 or 6-inch pots. They are not fussy as to soil, and your regular compost should prove excellent.

Callas will grow in any temperature from 50 to 70 degrees, but the flowers will have more substance and last longer when grown at 50 to 55 degrees. The rhizomes should be watered sparingly until growth starts. Then they can take more water, and will be benefited by one or two feedings of ammonium sulphate solution. Flowers come in about two weeks.

CROCUS

Plant in a well-drained location where they will have full sun. They may be used in the rock garden or under shrubs and perennials, where they will bloom before the larger plants show their leaves. Set the corms 4 inches deep, in groups, and do not cut off the foliage until it has thoroughly ripened.

FREESIA

You miss something really worth while if you don't grow a few pots of Freesias. The foliage is scraggly and unattractive, but the blooms are fragrant and lovely. You can have them for cutting by Christmas if you plant corms in August and grow them at 55 to 60 degrees. Plant them in shallow bulb pans or 4-inch-deep flats. Use a light soil consisting of four parts rotted sod and manure loam, and one of peat or leafmold. Fill the pans or flats and press the corms into the soil. They are cornucopia-shaped and the point is the top. Water well and place under the greenhouse bench or in a pit or cold-frame protected from frost. Do not water again until growth starts. You can grow them at any temperature from 48 to 60 degrees. Flowers can be had from late December into March.

Supports are needed, and a circular frame made of $\frac{1}{4}$ or $\frac{1}{2}$ inch mesh wire around the inside rim of the pot, or of bamboo stakes and string, is satisfactory.

IRIS

Dutch, English and Spanish bulbous Iris are suited for winter flowering in the greenhouse. Wedgwood, Imperator, White Excelsior and Yellow Queen are fine varieties. They are grown for cut flowers in flats or bulb pans. Plant the bulbs during September, about 2 inches apart and 3 inches deep. Water thoroughly and treat the same as tulips and narcissus. Start bringing them into the greenhouse in November. They grow best at a temperature of 45 to 50 degrees.

OXALIS

A delightful subject for pots and hanging baskets. Grow in a soil that is light, and feed occasionally with liquid manure or ammonium sulphate. In the spring the plants may be set in the rock garden, where they often bloom on until you lift and bring them into the greenhouse in the fall.

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